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Terms	Documents
L5 and printer	26

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

 Search History**DATE: Wednesday, June 19, 2002** [Printable Copy](#) [Create Case](#)**Set Name** **Query****Hit Count** **Set Name**
result set*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR*

<u>L6</u>	L5 and printer	26	<u>L6</u>
<u>L5</u>	L4 and summary	76	<u>L5</u>
<u>L4</u>	L3 and (web near form or web near document)	86	<u>L4</u>
<u>L3</u>	L2 and account\$ near system	688	<u>L3</u>
<u>L2</u>	L1 and file near5 system	18548	<u>L2</u>
<u>L1</u>	(internet or www or network)	581962	<u>L1</u>

END OF SEARCH HISTORY

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Search Results -

Terms	Documents
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Database:

Search:

Search History

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<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
<u>L7</u>	L6 and printer	3	<u>L7</u>
<u>L6</u>	L5 and account\$ same report	5	<u>L6</u>
<u>L5</u>	export same local same file	66	<u>L5</u>
<u>L4</u>	L2 and export same local same file	0	<u>L4</u>
<u>L3</u>	L2 and export same local same file adj1 (system or sever)	0	<u>L3</u>
<u>L2</u>	accounting same server same report same network	43	<u>L2</u>
<u>L1</u>	workflow same report	157	<u>L1</u>

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 3 of 3 returned.** 1. Document ID: US 20020032612 A1

L7: Entry 1 of 3

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020032612

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020032612 A1

TITLE: Apparatus, systems and methods for online, multi-parcel, multi-carrier, multi-service parcel returns shipping management

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Williams, Daniel F.	Yarrow Point	WA	US	
Bennett, David Allison	Bothell	WA	US	
Goldhaber, Lynn Shaindell	Snohomish	WA	US	
Glavin, Dennis	Seattle	WA	US	
Krett, Lory Elizabeth	Kirkland	WA	US	
Mentzer, Charles D.	Redmond	WA	US	
Teglovic, Stephen M.	Redmond	WA	US	
Dietz, John M.	Bothell	WA	US	
Smith, William W. III	Medina	WA	US	
Bilibin, Paul	Lynnwood	WA	US	
Liu, Jinyue	Redmond	WA	US	
McLaughlin, Paul R.	Redmond	WA	US	
Meyer, Scott	Woodinville	WA	US	
Hu, Sean	Bellevue	WA	US	
Antush, Richard M.	Preston	WA	US	
Bean, Scott Joseph	Seattle	WA	US	

US-CL-CURRENT: 705/26; 705/27
[Full](#) |
[Title](#) |
[Citation](#) |
[Front](#) |
[Review](#) |
[Classification](#) |
[Date](#) |
[Reference](#) |
[Sequences](#) |
[Attachments](#) |
[Claims](#) |
[KMC](#) |
[Draw Desc](#) |
[Image](#)
 2. Document ID: US 20020010708 A1

L7: Entry 2 of 3

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020010708

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020010708 A1

TITLE: Defining a uniform subject classification system incorporating document management/records retention functions

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McIntosh, Lowrie	Pasadena	CA	US	

US-CL-CURRENT: 707/500

[Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw Desc | Image]

3. Document ID: US 6073104 A

L7: Entry 3 of 3

File: USPT

Jun 6, 2000

US-PAT-NO: 6073104

DOCUMENT-IDENTIFIER: US 6073104 A

TITLE: System for invoice record management and asset-backed commercial paper program management

DATE-ISSUED: June 6, 2000

INVENTOR-INFORMATION:

NAME Field; Richard G.	CITY Golden Valley	STATE MN	ZIP CODE 55427	COUNTRY
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US-CL-CURRENT: 705/1

[Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw Desc | Image]

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L6: Entry 25 of 26

File: USPT

Dec 21, 1999

US-PAT-NO: 6006242

DOCUMENT-IDENTIFIER: US 6006242 A

TITLE: Apparatus and method for dynamically creating a document

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Poole; Donald L.	St. Cloud	MN		
Wyman; Richard K.	St. Cloud	MN		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Bankers Systems, Inc.	St. Cloud	MN			02

APPL-NO: 8/ 628874 [PALM]

DATE FILED: April 5, 1996

INT-CL: [6] G06 F 17/27

US-CL-ISSUED: 707/531

US-CL-CURRENT: 707/531

FIELD-OF-SEARCH: 707/505-508, 707/530-531

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <u>4866634</u>	September 1989	Reboh et al.	706/60
<input type="checkbox"/> <u>4876665</u>	October 1989	Iwai et al.	707/200
<input type="checkbox"/> <u>4905163</u>	February 1990	Garber et al.	706/55
<input type="checkbox"/> <u>4964060</u>	October 1990	Hartsog	364/512
<input type="checkbox"/> <u>4970658</u>	November 1990	Durbin et al.	706/60
<input type="checkbox"/> <u>4984174</u>	January 1991	Yasunobu et al.	706/52
<input type="checkbox"/> <u>5043891</u>	August 1991	Goldstein et al.	707/531
<input type="checkbox"/> <u>5133045</u>	July 1992	Gaither et al.	706/46
<input type="checkbox"/> <u>5133075</u>	July 1992	Risch	707/201
<input type="checkbox"/> <u>5159669</u>	October 1992	Trigg et al.	345/357
<input type="checkbox"/> <u>5161211</u>	November 1992	Taguchi et al.	706/62
<input type="checkbox"/> <u>5218539</u>	June 1993	Elphick et al.	707/531
<input type="checkbox"/> <u>5222236</u>	June 1993	Potash et al.	707/102
<input type="checkbox"/> <u>5323313</u>	June 1994	Davis et al.	707/531
<input type="checkbox"/> <u>5423041</u>	June 1995	Burke et al.	395/705
<input type="checkbox"/> <u>5446653</u>	August 1995	Miller et al.	705/4
<input type="checkbox"/> <u>5448729</u>	September 1995	Murdock	707/104
<input type="checkbox"/> <u>5485544</u>	January 1996	Nonaka et al.	706/11
<input type="checkbox"/> <u>5524257</u>	June 1996	Koike et al.	706/10
<input type="checkbox"/> <u>5598511</u>	January 1997	Petrinjak et al.	706/50
<input type="checkbox"/> <u>5608857</u>	March 1997	Ikeo et al.	707/500
<input type="checkbox"/> <u>5671429</u>	September 1997	Tanaka	707/530
<input type="checkbox"/> <u>5778398</u>	July 1998	Nagashima et al.	707/501

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
WO 95/19010	July 1995	WOX	

ART-UNIT: 276

PRIMARY-EXAMINER: Fetting, Anton

ATTY-AGENT-FIRM: Merchant & Gould P.C.

ABSTRACT:

An apparatus and method for dynamically constructing electronic and printable documents and forms. An entity reference is read from a document instance and compared to entity identifiers provided in a catalog containing a plurality of entity identifiers. Each of the entity identifiers in the catalog is associated with an entity resolution process. An inference engine or other entity resolving processor is invoked to effectuate the resolution process associated with a matching entity identifier. The inference engine or entity resolving processor resolves the entity reference to a resolved entity, such as a component of text or graphics to be included in a document. Linking between the document, entity reference, and resolved entity provides for detailed auditing of the entity resolution process. A resolved entity may contain one or more embedded entity references which are similarly resolved. The dynamic document construction methodology may be implemented using a distributed networking approach, or on a stand-alone computer system. A significant advantage of the present invention concerns the re-usability of textual, graphical, and other components, thereby providing for the construction of any arbitrary document type having any arbitrary number of presentation formats. In one embodiment, the inference engine used to resolve entity references is converted to an executable form to enhance portability. A document or form constructed in accordance with the present invention may be published in printed or electronic form, such as in the form of a World Wide Web (Web) page.

26 Claims, 29 Drawing figures